

Appl No 10/821,582
Amendment dated January 24, 2008
Reply to Office Action dated 07-25-07

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Fields:

0	1	2	
FieldName	FieldName	FieldName	...

FIG. 9

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Node Counter Register (NC)

NodeNum

int

lenNC

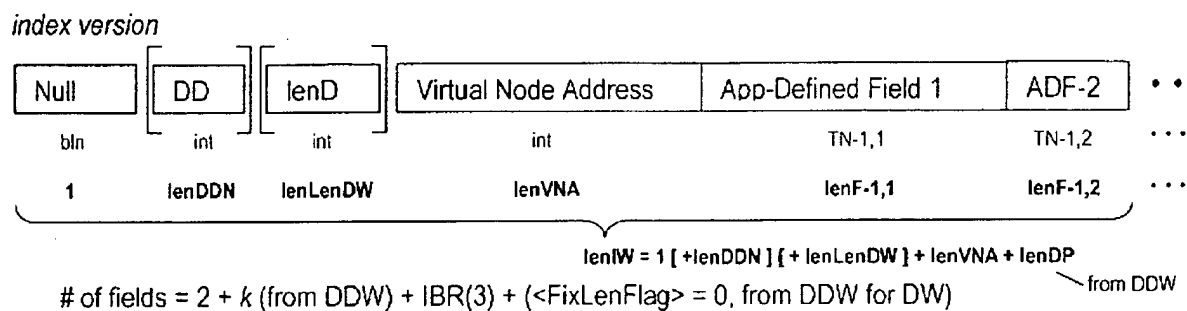
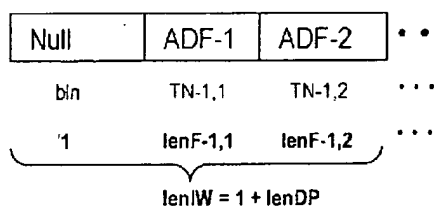
FIG. 10

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Index-Word (IW)

*data version*

$\langle \text{Name-}\alpha, \beta \rangle \equiv$ field-
 parameter β of data-
 definition packet α ,
 $1 \leq \alpha \leq j, 1 \leq \beta \leq k$
 (see DDW).

of fields = 1 + k (from DDW)

FIG. 11

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Index-Word Register (IWR)

NodeNu	Index Word
int	mixed
lenNC	lenIW

FIG. 12

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Data-Definition Word (DDW) & Register (DDR)

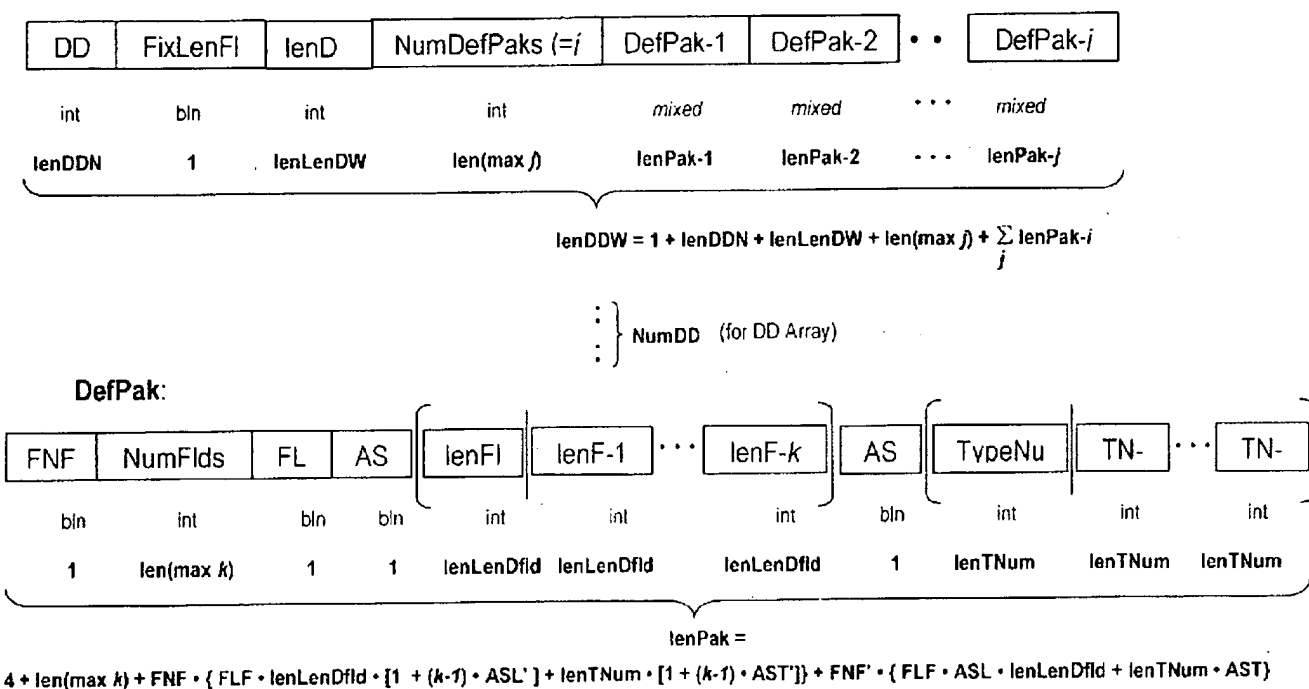


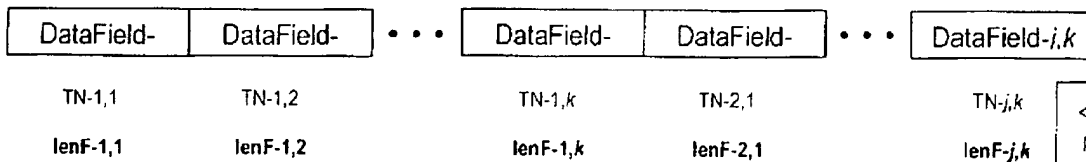
FIG. 13

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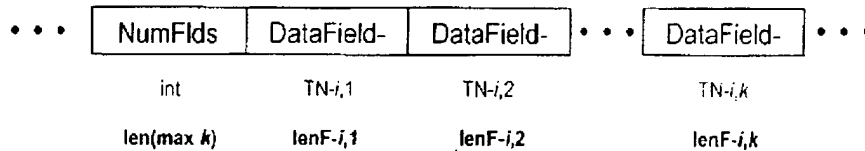
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Data-Word (DW)

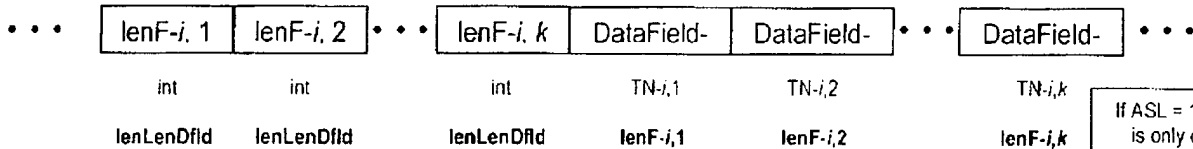
1) *FixLenFlag* 1:

$\langle \text{Name-}\alpha, \beta \rangle \equiv$ field-
 parameter β of data-
 definition (DDW)
 packet α .
 $1 \leq \alpha \leq j, 1 \leq \beta \leq k$.

2) *FNF* 0, *FLF* 1, for some packet i ($1 \leq i \leq j$):

If ASL = 1, then all
 field lengths are
 lenFid- i

If AST = 1, then all
 field types are
 TypeNum- i .

3) *FNF* 1, *FLF* 0 for some packet i :

If ASL = 1, then there
 is only one length
 field, $\langle \text{lenFid-}i \rangle$, and
 all field lengths are
 lenFid- i .

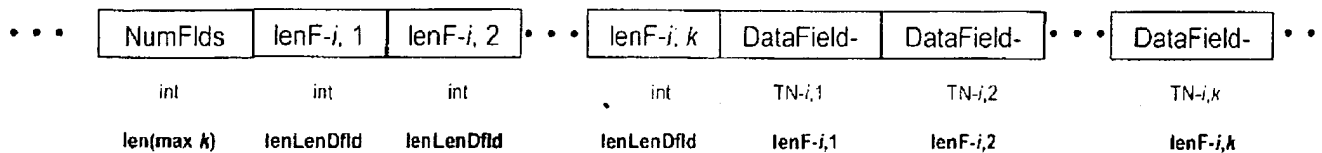
4) *FNF* 0, *FLF* 0 for some packet i :

FIG. 14

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Data-Word Registers (DWR-P & N)

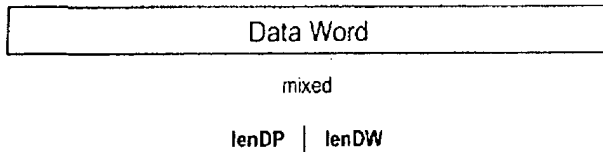


FIG. 15

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Number of Nodes Register (NNR)

NumNod

int

lenNC

FIG. 16

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Data-Definition Count Register (DDCR)

NumDD

int

lenDDN

FIG. 17

SENT BY: ;

7204820695;

JAN-28-08 1:50AM;

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Node Free Index (NFI)

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